

INTERNATIONAL SEARCH REPORT

International Application No

PCT/E 03/12256

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/007 G11B7/013 G11B20/00

Rec'd PCT/PTO 16 MAY 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/25645 A (ISHIBASHI HIROMICHI ; MIYASHITA HARUMITSU (JP); SENG A HISASHI (JP); TA) 28 March 2002 (2002-03-28) abstract page 29, line 8 - line 16; figure 10 figure 20	1,15-17
A	EP 0 723 216 A (SONY CORP) 24 July 1996 (1996-07-24) column 6, line 1 - line 48; figures 2B,3 figure 4 figure 7	1,15-17
A	EP 1 168 312 A (MATSUSHITA ELECTRIC IND CO LTD) 2 January 2002 (2002-01-02) paragraph '0036! - paragraph '0041!; figures 1,2	1,15-17
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

12 May 2004

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A	US 4 977 553 A (YOKOGAWA FUMIHIKO) 11 December 1990 (1990-12-11)	
E	WO 03/094158 A (LG ELECTRONICS INC) 13 November 2003 (2003-11-13) page 16 - page 19; figures 12-15	1-6, 14-17

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